

Title (en)

A reciprocating piston volumetric compressor, particularly for pneumatic braking systems.

Title (de)

Verdrängerverdichter, insbesondere für pneumatische Bremssysteme.

Title (fr)

Compresseur alternatif volumétrique, en particulier pour circuit de freinage pneumatique.

Publication

EP 0575880 A1 19931229 (EN)

Application

EP 93109608 A 19930616

Priority

IT TO920533 A 19920622

Abstract (en)

The compressor comprises a supplementary valve (30, 18; 40a) operable to put the working chamber (5) of the piston permanently into communication with the induction aperture (13a) via a duct (18) when air under pressure is supplied to a control input (2c) of the compressor (2). This supplementary valve comprises a passage (30) which intercepts the said duct (18) and communicates with the said control input (2c) and a valve piston (40) slidably displaceable in this passage (30) under the effect of pressure supplied to the said control input (2c), against the action of a biasing spring (41), from a rest position in which it intercepts the duct (18) to a working position in which via the said duct (18) it allows permanent communication between the induction aperture (13a) and the working chamber (5). <IMAGE>

IPC 1-7

F04B 49/00; **F04B 39/06**

IPC 8 full level

F04B 39/06 (2006.01); **F04B 49/24** (2006.01)

CPC (source: EP)

F04B 39/064 (2013.01); **F04B 49/24** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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